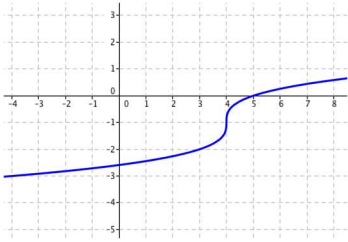


SET ANSWERS

SET A

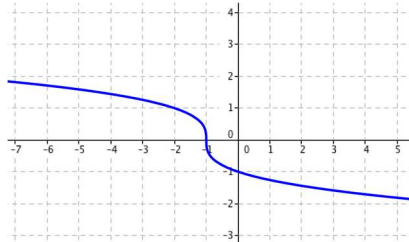
1.



$$D: (-\infty, \infty)$$

$$R: (-\infty, \infty)$$

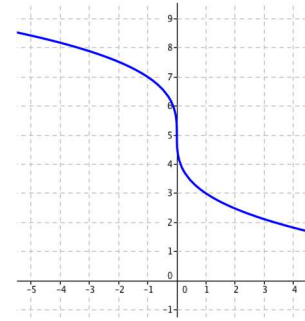
2.



$$D: (-\infty, \infty)$$

$$R: (-\infty, \infty)$$

3.



$$D: (-\infty, \infty)$$

$$R: (-\infty, \infty)$$

SET B

1. $x = \pm 64$

2. $x = 4$

3. $x = 40$

4. $x = 32$

5. $x = 108$

6. $x = \frac{59}{3}, -23$